Titusville Amateur Radio Club

TARC NEWSLETTER

January
February
1991

Presidents Corner

Bob Nedimyer – W4VQB

As your outgoing President, I want to thank you for your support this past year, particularly Clyde Lee for his treasuring for many years, Dick Duell for his VPing when needed, Doug Reed who made a fine secretary and still got out our newsletter, Bud Hughes for maintaining our membership records and of course the repeater gang: Dave McLean, Les Griner, Wynn Rostek, Larry Carr, and Archie Shetler. I thought it would be a good idea to recap some of the highlights of this past year to show you how your club is progressing:

- Renewed our ARRL Affiliation
- Became incorporated with the state and federal government
- Acquired Box 73 as the club mailing address
- Installed and tested a 2 meter antenna to support TPD
- Conducted a public display and demo at Miracle City Mall
- Had another successful Field Day at Draa Field -- even got the results in QST
- Supported JayCee's activities... Raft Race... July 4th Fireworks... Haunted Hayride... Christmas Parade
- Installed new antennas on tower on Rt. 405 for new improved repeater system

See **Corner** on page 3.

Bud Hughes – K4CWG

It's 1991 – Happy New Year everyone. Thanks to Bob W4VQB and Doug N4QVY the TARC Novice class was a great success. By way of the class we have the following new members to the "ham" fraternity:

Cliff Hoag (Tech)	KC4SYD
Jerry Russell (Tech)	KC4UFI
Steve Griner (Les' son)	KC4UKA
Priscilla Stanley (Tech)	KC4UWI
Rex Stanley (Tech)	KC4UWJ
Al Koller (Tech)	KC4UWK
Glenn Young (Tech)	KC4VHH
Carole Ramos (Tech)	KC4VIN
Jose Ramos (Tech)	KC4VIO
Jim Clark	KC4VMP
Donna Clark	KC4VMQ
Bill Palm	KC4VQE

In addition to these new members we also have as new club members Bob Cowgill WB8CLQ, Buck Tomlinson WD4DXD, Andy Finchum KC4NRA (a super NC for the Thursday night net), Don Eckstein N7NWA, Mike Hadley KC4TCV, Wynn Cayton K4KLB, Walt Hart KC4VVG, and Phillip Chien... who did I leave out?

The TARC Christmas dinner was enjoyed by all and thanks to all of you who made the event so great.

Upcoming Events

> **February 26** – Next TARC meeting, 7 p.m., JayCees Building on Singleton Ave.
> Every Thursday night – TARC Friendship Net, 7 p.m., 146.91 MHz (–600).
> 3rd Saturday of each month – SBARC / ARRL exams. For info call Bill Newkirk, WB9IVR, phone 724-6183.
> **March 15** – **Deadline** for articles to be included in the March edition of the *TARC Newsletter*.

Officers

President: Bud Hughes K4CWG 269-0779
Vice President: Dick Duell W9LSD 383-9733
Secretary: Jim Meeks N4ZNQ 268-1197
Treasurer: Vern Bauer KB4RBU 267-2907

Minutes of the January 22 Meeting

The meeting was called to order at 7:00 P.M. by Bud K4CWG. After the Pledge of Allegiance and a moment of silence, the minutes of the November meeting were read and approved. Vern KB4RBU gave the Treasurer's report: $61.20 in petty cash and a bank balance of $548.07.

Bud welcomed visitors and new members, many from the recent novice class conducted by the club. Six of the novices have already upgraded to technician class.

Les K4SJC reported that another Titusville repeater is in operation using the antenna on Herb Daniels tower. The frequency is 146.970 MHz down 600 KHz and the club members are welcome to use it. Les suggested thawt the club pay for the power used by the repeater. This was approved by members present.

An article in QST regarding liability of tower users for lighting and painting violations was brought up by Dan K3KS. After a short discussion no other action was taken.

Les suggested that the club show its appreciation for the help and equipment donated by John Link W4BME. The members present approved the proposal that a lifetime membership in the TARC be presented to John.

Dan K3KS proposed that the club have a representative to contact members who are ill and/or need help setting up equipment or antennas. A committee of Clyde K4EOS, Lloyd KA4LTK, Dan K3KS, and Cliff KC4SYD was formed to carry this out.

Bob W4VQB mentioned that he has had inquiries about another novice class. He stated that it probably will be next fall following the same format as the previous class.

The meeting was adjourned at 7:43 P.M.

Respectfully, Jim Meeks N4ZNQ

HB203 Packet Bulletins
State of Florida HAM Antenna Legislation

From : KF4OJ @ KF4OJ.#ARCFL.FL.USA.NA

I MENTIONED ORIGINAL BILL HB 203, BECAUSE I WAS INFORMED THAT THERE ARE SOME SMALL CHANGE, IN THE BILL ALREADY PRESENTED. I AM GOING TO GET A COPY OF THE FINAL PROPOSED BILL HB 203

THE ORIGINAL BILL SAID....

A BILL TO BE ENTITLED

AN ACT RELATING TO RADIO COMMUNICATION; PROHIBITING COUNTIES AND MUNICIPALITIES FROM ENACTING OR ENFORCING RESTRICTIVE ORDINANCES GOVERNING AMATEUR RADIO ANTENNAS; PROVIDING FOR CONSTRUCTION OF SUCH ANTENNAS IN CONFORMANCE WITH FEDERAL REQUIREMENTS; PROVIDING FOR THE APPLICATION OF THE ACT; PROVIDING AN EFFECTIVE DATE.

BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF FLORIDA:

SECTION 1.- AMATEUR RADIO ANTENNAS: CONSTRUCTION IN CONFORMANCE WITH FEDERAL REQUIREMENTS: EFFECT UPON EXISTING ANTENNAS: CONFLICTS WITH LOCAL COMPREHENSIVE PLANS.

(1) NO COUNTY OR MUNICIPALITY SHALL ENACT OR ENFORCE ANY ORDINANCE OR REGULATION WHICH PROVIDES MORE RESTRICTIVE REQUIREMENTS FOR THE SIZE AND CONSTRUCTION OF AMATEUR RADIO ANTENNAS THAN IS PROVIDED FOR UNDER FEDERAL LAW, RULE, OR REGULATION. ANY ORDINANCE OR REGULATION ADOPTED BY A COUNTY OR MUNICIPALITY WITH RESPECT TO AMATEUR RADIO ANTENNAS SHALL BE IN CONFORMANCE WITH THE "AMATEUR RADIO PREEMPTION, 101 FCC 2D 952 (1985)" AS ISSUED BY THE FEDERAL COMMUNICATIONS COMMISSION.

(2) IN THE EVENT THAT ANY LOCAL COMPREHENSIVE PLAN CONTAINS REQUIREMENTS WHICH ARE MORE RESTRICTIVE THAN THE REQUIREMENTS UNDER FEDERAL LAW, RULE, OR REGULATION WITH RESPECT TO AMATEUR RADIO ANTENNAS, THE FEDERAL REQUIREMENTS SHALL PREVAIL.

SECTION 2.- THIS ACT SHALL TAKE EFFECT UPON BECOMING A LAW.

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HOUSE SUMMARY

PROHIBITS COUNTIES OR MUNICIPALITIES FROM ENACTING OR ENFORCING ORDINANCES OR REGULATIONS GOVERNING THE CONSTRUCTION OF AMATEUR RADIO ANTENNAS WHICH ARE MORE RESTRICTIVE THAN FEDERAL LAWS, RULES, OR REGULATIONS.

NOTE...PLEASE DO NOT FORGET TO WRITE THE LEGISLATORS....PLEASE DO IT TODAY.

73 DE JUAN, FROM MIAMI
KF4OJ.#ARCFL.FL.USA.NA

ADDRESSES TO WRITE

THE HONORABLE ROBERTO CASAS
SENATOR DISTRICT 33
60 E. 3 ST. #202
HIALEAH, FLORIDA, 33010

THE HONORABLE RICHARD CROTTY
SENATOR DISTRICT 14
5205 S. ORANGE AVENUE #101
ORLANDO, FLORIDA, 32809

THE HONORABLE HURLEY RUDD
REPRESENTATIVE DISTRICT 10
211 HOUSE OFFICE BUILDING
TALLAHASSEE, FLORIDA 32399-1300

73 DE JUAN, FROM MIAMI
KF4OJ.#ARCFL.FL.USA.NA

See **HB203** at right.

Minutes of the November 27 Meeting

The meeting was called to order by Bob, W4VQB, at 7:00 P.M. with the Pledge of Allegiance and a moment of silence. Doug, N4QVY, read the minutes of the October meeting were read and accepted by those present. Clyde, K4EOS, gave the treasury report: bank balance: $207.62, petty cash: $46.96.

Bob gave a summary report of the class and announced that there would be a test night for anyone interested on December 11. The newsletter was printed at Thunderbird Press for $14.00.

Larry, WB9MFJ, gave the repeater report: 2 meter cavities have been tuned and the system is working on a single antenna and are ready to install the split site setup. Two pairs of crystals are needed which was estimated to cost $12 each plus freight for 146.91 and 146.31 MHz.

Bob noted that the snowbirds are back. Dave, WB4SIG, said that Jerry Russell, KC4UFI, one of the members of the ham class, has passed the General written exam.

It was announced that the Titusville Christmas Parade would be held next Saturday and volunteers were needed for coordination. Volunteers were asked to meet at Titusville High School at 3 P.M.

Bob passed around a bulletin detailing plans for the Christmas dinner to be held at the JayCees building. Cost would be $7.00 per person, catering by Pumpernickels on December 18. The dinner committee consisted of Clyde, Wynn, WB4ZUY, Val, WB4ZUZ, and Bud, K4CWG. Sixty people were expected to attend.

Bob announced that several ARRL training manuals were available at a discount and to see him if interested.

Nominations for the night's elections are as follows:

President:	Bob Nedimyer, W4VQB Bud Hughes, K4CWG
Vice-President:	John Phillips, KA4WIQ Dick Duell, W9LSD
Secretary:	Jim Meeks, N4ZNQ Bob Nedimyer, W4VQB Steve Schindler, WD4MJJ
Treasurer:	Jim Meeks, N4ZNQ Cliff Hoag, KC4SYD Vern Bauer, KB4RBU

"Winners" are Bud for President, Dick for Vice President, Jim for Secretary (ha!), and Vern for Treasurer.

Members at Large to serve on the Executive Committee are John Phillips, Larry Carr, and Dave McLean.

The meeting was adjourned at 7:53 P.M.

Respectfully, Doug Reed, Secy.

HB203...
From : KF4OJ @ KF4OJ.#ARCFL.FL.USA.NA

THIS IS ONLY A SUGGESTION...A SAMPLE LETTER TO THE LEGISLATORS THAT ARE SPONSORING THE LEGISLATION RELATING TO RADIO COMMUNICATIONS....

DEAR SENATOR OR REPRESENTATIVE:

THANK YOU FOR YOUR SPONSORSHIP OF LEGISLATION RELATING TO RADIO COMMUNICATIONS.

See **HB203** on page 3.

The Editor's Desk
by Doug Reed – N4QVY

First of all... I apologize for not getting a newsletter out in December... and January. I'll try to do better for the remainder of the year.

What I did during my Christmas vacation... I used EVERY mode of my PK–232 (well, except for CW). That really breaks down to HF packet, baudot, and AMTOR. For the money, AMTOR is by far the easiest to use for one on one QSOs due to its error correction. It isn't too good with fast data transfer (AMTOR runs at 100 baud), nor can it handle multiple stations transmitting on the same frequency very well. There are AMTOR bulletin boards that can link to packet bulletin boards called APLINK. These have been written about in some of the ham magazines lately.

Baudot seemed to be the mode of choice during the recent RTTY roundup. Packet, AMTOR, and Baudot modes were allowed. Baudot is aggravating with weak signals, and the TNC starts creating its own characters on the terminal, whereas AMTOR just stops printing in ARQ mode, or prints an underscore in FEC mode.

HF Packet is nice when conditions are good and there aren't a lot of packeteers on the same frequency which cause collisions of data, and result in resending the packets over and over until the TNC times out. More success can be had by setting PACLEN to a smaller integer, say 40 characters or so, and MAXFRAME to 1, which will not send out another packet until the previous packet has been acknowledged. HF packet, even at 300 baud (VHF is typically 1200 baud) is interesting due to the possibility of connecting to other stations or bulletin boards thousands of miles away. There are times that communicating with Orlando stations on VHF can be very trying.

I finally got around to connecting the Amiga Video Terminal (AVT) between the TS–440 and the Amiga computer. This unit sends and receives SSTV and weatherfax. It works very nice. It supports all the major modes (Robot, Scotty, Martin) and a few AVT modes, including a QRM option for use in those time when conditions are less than favorable. The hot spot for SSTVers is on 20 meters, on 14.230, 14.233, and 14.235 MHz. AVTers meet exclusively on 14.233 and is a good place to meet Amiga users. MFJ–1278 SSTVers meet on 14.235 MHz. A Robot owner noted on a recent net on the MFJ frequency that the Robot 1200c and AVT ranked 8 in picture quality in his opinion, while the MFJ unit ranked 3 (out of 10). Sounded more like a support group than a net.

The AVT receives excellant weatherfax (WEFAX) pictures. There actually IS a grey scale (broken down to 16 shades from black to white on the Amiga), which is a nice change compared to the PK–232's two shades (black or white). The satellite pictures actually LOOK like satellite pictures. You can view a 640 x 400 pixels window of a captured 1024 x 1200 image if memory conditions are favorable. It supports newsfax at 60, 120, and 240 lines per minute; WEFAX transmits at 120 lines per minute.

The subject of AMTOR goes hand in hand with Fred Kienzle, K4ZS. After sending my report including QTH, a good number of AMTOR connects mentioned Fred

See **Desk** at right.

President's Corner...

– Conducted Novice / Technician classes with a peak of 19 students producing 9 new hams so far with 7 more still being worked on.
– Held a test night and upgraded 12 members
– Had a Pot Luck Dinner in September with guest and families making 55 present
– Held our catered Christmas dinner in the JayCee's building with 63 present
– Added 11 new members

It's been a busy and rewarding year for me. Let's give Bud and his gang our wholehearted support in 1991 so we can all be proud of our club.

73 –– Bob Nedimyer W4VQB

...HB203...

AS A LICENSED RADIO AMATEUR, I WHOLEHEARTEDLY SUPPORT YOUR EFFORTS IN MAKING SURE THE REGULATORY POWER GOVERNING RADIO ANTENNAS AND THEIR STRUCTURES, REMAINS WHERE IT BELONGS – WITH THE F.C.C. COUNTIES AND MUNICIPALITIES SHOULD NOT BE ABLE TO ENFORCE OR ENACT REGULATIONS WHICH ARE MORE RESTRICTIVE THAN FEDERAL LAWS.

YOUR EFFORTS IN ENSURING THE PASSAGE OF THIS LEGISLATION IS DEEPLY APPRECIATED.

SINCERELY,

NAME AND CALL SIGN
ADDRESS.

From : KF4OJ @ KF4OJ.#ARCFL.FL.USA.NA

MY SUGGESTION IS THAT ALL LEGISLATORS IN THE STATE OF FLORIDA, MUST RECEIVE AS MANY AS POSSIBLE LETTERS IN RELATION WITH THIS LAW HB 203.

A SAMPLE OF A LETTER TO BE ADDRESSED TO ALL AND EACH OF THE LEGISLATORS COULD BE AS FOLLOWS (THIS IS ONLY A SUGGESTION)

DEAR SENATOR OR REPRESENTATIVE:

I URGE YOUR SUPPORT OF HB 203 RELATING TO RADIO COMMUNICATIONS.

AS A LICENSED RADIO AMATEUR, I WHOLEHEARTEDLY SUPPORT THE EFFORTS OF MAKING SURE THE REGULATORY POWER GOVERNING RADIO ANTENNAS AND THEIR STRUCTURES, REMAINS WHERE IT BELONGS – WITH THE F.C.C.

COUNTIES AND MUNICIPALITIES SHOULD NOT BE ABLE TO ENFORCE OR ENACT REGULATIONS WHICH ARE MORE RESTRICTIVE THAN FEDERAL LAWS.

YOUR EFFORTS IN ENSURING THE PASSAGE OF THIS LEGISLATION IS DEEPLY APPRECIATED.

SINCERELY,

NAME AND CALL SIGN
ADDRESS.

See **HB203** on back.

Desk...

"down there in Titusville." Fred sent out a multitude of local area and space related bulletins over AMTOR, and participated in last year's special event station that Wayne KB4YLY organized observing the 20th anniversary of the lunar landing. Fred also lent his call for field day several years. Fred passed away a couple of weeks ago. He will leave a void in our ham community.

The **TARC Newsletter** is published on a monthly basis. Articles are published based on their newsworthiness to TARC membership, space available, and ease of entry to the publishing medium.

Preferred transfer methods are EMail to *Doug Reed* at Tech-Talk BBS, EMail on 2 meter packet to N4QVY@N4JLR or N4QVY@WD4HIM, direct packet, 3.5" AmigaDOS 880K disk, 3.5" MS-DOS 360K disk, 5.25" MS-DOS 360K disk, direct landline modem, and print / hand-written / hardcopy formats, in that order. Separate each paragraph with a blank line for ease of re-formatting into a publishing format.

Article / classified deadline is two Fridays prior to the date of the monthly meeting.

Articles may be given to the editor, Doug - N4QVY, at the IHOP on net nights, or left with Bud - K4CWG, where it will hopefully make its way to the aforementioned editor.

The **TARC Newsletter** is assembled on a Commodore Amiga computer using Gold Disk's PageSetter and LaserScript desktop publishing software and output to a PostScript compatible laser printer. Folding, stamping, and mailing services this month will be done by the gang at IHOP and labels will be printed up by Bud, K4CWG, who requests that any address / name / phone number corrections be directed his way. Thanks to all those involved in this maddening once a month event.

February Feature

Larry Carr, WB9MFJ, will demonstrate packet radio at the next meeting.

Titusville Repeaters

K4SJC	146.910 MHz	- 600 KHz
WB4LOE	146.970 MHz	- 600 KHz
WB4SIG	444.150 MHz	+ 5 MHz

Titusville Amateur Radio Club
P.O. Box **73**
Titusville, FL 32781

...HB203

73 DE JUAN, FROM MIAMI
KF4OJ.#ARCFL.FL.USA.NA

From : WA4PFK @ KB4FO.#SUNFL.FL.USA.NA

NR 32 R WA4PUP 33 MILTON FL FEB 11
ALL FLA AMATEURS
BT
SENATOR RICHARD CROTTY HAS SPONSORED SENATE BILL 598 A COMPANION BILL TO HB 203
X PLEASE CONTACT YOUR STATE REPRESENTATIVE AND SENATOR TO SUPPORT THESE HAM
RADIO ANTENNA SUPPORT STRUCTURE BILLS X 73
BT
RUDY WA4PUP SM NFL

For Sale

Okidata 82A dot matrix printer with optional tractor feed, $70. Cosmowriter 2600 daisywheel printer (letter quality) $35. Wynn WB4ZUY, 267-9391.

HELP Crew

If anyone knows of a ham needing any kind of support, whether he or she be ill or in need of an antenna raising, contact one of the individuals listed below.

Clyde Lee	K4EOS	267-9375
Lloyd Mullins	K4LTK	267-6342
Dan Boyle	K3KS	268-2469
Cliff Hoag	KC4SYD	267-7030